

Annual Noxious Weed Eradication Progress Report 2020



as required by KSA 2-1316

Decatur County Noxious Weed Dept

Noxious Weed Supervisor:

Gaylen Huntley

Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
Gaylen Huntley	Noxious Weed Director	80	
Allen Marcum	Full- Time	80	
Bruce King	Part-Time	75	
James McChesney	Part-Time	75	

Financial Summary - Noxious Weed Fund

	Amount
Mil levy for 2020	0.747
County valuation for 2020	\$63,472,574.00
Beginning Budget Balance for 2020	\$232,890.00

Revenues

Appropriation	\$55,686.02	
Capital Outlay	\$40,000.00	
Chemical Sale	\$89,414.58	
Equipment	\$13,275.50	
Labor	\$19,351.74	
Carry over from last year	\$51,471.58	
Total Revenue		\$269,199.42

Expenditures

Capital Outlay	\$20,212.64	
Commodities - Chemical	\$103,363.20	
Commodities - Other	\$22,150.28	
Contractual	\$15,700.84	
Personnel Services	\$78,470.72	
Prior Year Expenses	\$208.42	
Total Expenditures		\$240,106.10

Ending Budget Balance \$29,093.32

Carryover to next year's budget for 2020 to 2021 \$121,988.90

Capital Outlay Fund

	Amount
Beginning Balance	\$27,358.70
Receipts	\$20,000.00
Expenditures	\$40,000.00
Ending Balance	\$7,358.70

Transferrers back to Noxious Weed Budget

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Decatur County Noxious Weed Dept

Year

2020



Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Bur Ragweed	13.0						13.0
Canada Thistle	138.8	7.0	5.0	9.1		1.0	160.9
Field Bindweed	12118.0	50.0	80.0	322.3		15.0	12585.3
Hoary Cress	1.0						1.0
Johnsongrass	99.0	10.0	5.0				114.0
Multiflora Rose	1361.7						1361.7
Musk Thistle	31911.3		40.0	10.0			31961.3
Totals	45642.8	67.0	130.0	341.4		16.0	46197.2

Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bur Ragweed	1.0	1.0				10.0		1.0		13.0
Canada Thistle	12.0	47.7			5.0	39.1	10.0	25.0		138.8
Field Bindweed	3817.0	1248.9		5.0	70.0	5139.0	517.7	1200.0	75.0	12118.0
Hoary Cress							1.0			1.0
Johnsongrass		45.0				2.0	52.0	0.0		99.0
Multiflora Rose						1361.7				1361.7
Musk Thistle					100.0	31611.3	100.0		100.0	31911.3
Totals	3830.0	1342.6		5.0	175.0	38163.1	680.7	1226.0	175.0	45642.8

Weeds declared Noxious by the County:

Multiflora Rose ☒

Bull Thistle ☐

Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2,4-D & 2-(2meth-4-cholr) & diacamba	\$25.00	\$19.00	1.313 gal
2-4 D	\$24.20	\$18.55	35.316 gal
Aminopyralid	\$276.00	\$207.00	8.719 gal
aminopyralid	\$71.00	\$54.00	17.000 qt
Aminopyralid + 2-4 D	\$40.20	\$30.15	851.463 gal
Carfentrazone-ethyl	\$80.00	\$0.00	1.313 gl
Glyphosate	\$12.33	\$0.00	5.755 gal
Imazapic	\$120.00	\$0.00	2.738 gal
Metsulfuron Methyl	\$2.00	\$1.50	16.000 oz
Metsulfuron Methyl Dry	\$3.00	\$2.25	18.200 oz
PICLORAM	\$38.00	\$30.75	873.820 gal
Polyacrylamide	\$1.00	\$0.00	96.302 oz
QUINCLORAC	\$2.25	\$0.00	20.400 oz
Surfactant/Adjuvant	\$21.67	\$0.00	2.323 gal
Surfactant/Adjuvant	\$18.00	\$0.00	30.737 gal

Noxious Weed Survey Worksheet

Decatur County Noxious Weed Dept

2020 ★

Canada Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Corn										0.25			0.25
Private Pasture										0.1			0.1
State										0.1			0.1
Total Acreage Infested										0.45			0.45

	Total Acreage Infested	Acres Surveyed 6345	County Acres 576000	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City				0.0	1.0	1.0	
County				0.0	7.0	7.0	
Private Corn	0.3			22.7	25.0	47.7	
Private CRP				0.0	5.0	5.0	
Private Fallow				0.0	25.0	25.0	
Private Other				0.0	10.0	10.0	
Private Pasture	0.1			9.1	30.0	39.1	
Private Wheat				0.0	12.0	12.0	
State	0.1			9.1	0.0	9.1	
Township				0.0	5.0	5.0	
	0.5	Total Estimated Acreage		40.9	120.0	160.9	

Noxious Weed Survey Worksheet

Decatur County Noxious Weed Dept

2020 ★

Field Bindweed	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Alfafa										0.5			0.5
Private Corn										8.25			8.25
Private Other										3.5			3.5
Private Pasture										11.75	3		14.75
Private Wheat										9			9
State										3			3
Total Acreage Infested											36	3	39

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
City				0.0	15.0	15.0	
County				0.0	50.0	50.0	
Private Alfafa	0.5			45.4	0.0	45.4	
Private Corn	8.3			748.9	500.0	1248.9	
Private CRP				0.0	70.0	70.0	
Private Fallow				0.0	1200.0	1200.0	
Private Grain Sorghum				0.0	5.0	5.0	
Private Non-Ag				0.0	75.0	75.0	
Private Other	3.5			317.7	200.0	517.7	
Private Pasture	14.8			1339.0	3800.0	5139.0	
Private Wheat	9.0			817.0	3000.0	3817.0	
State	3.0			272.3	50.0	322.3	
Township				0.0	80.0	80.0	
	39.0	Total Estimated Acreage		3540.3	9045.0	12585.3	

Noxious Weed Survey Worksheet

Decatur County Noxious Weed Dept

2020 ★

Multiflora Rose	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Pasture										15			15
Total Acreage Infested										15			15

Private Pasture	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
	15.0	6345	576000	1361.7	0.0	1361.7	
	15.0	Total Estimated Acreage		1361.7	0.0	1361.7	

Noxious Weed Survey Worksheet

Decatur County Noxious Weed Dept

2020 ★

Musk Thistle	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Private Pasture										16.75	1		17.75
Total Acreage Infested										16.75	1		17.75

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
Private CRP		6345	576000	0.0	100.0	100.0	
Private Non-Ag				0.0	100.0	100.0	
Private Other				0.0	100.0	100.0	
Private Pasture	17.8			1611.3	30000.0	31611.3	
State				0.0	10.0	10.0	
Township				0.0	40.0	40.0	
	17.8	Total Estimated Acreage		1611.3	30350.0	31961.3	

Enforcement Summary

Warning Notices	40
Legal Notices	6
Court Cases	0

Diversion Agreements	0
Accounts to Tax Roll	0
Meetings Sponsored	0

Demonstration Plots	0
Feed and Hay Inspection	0
Publish General Notice	1

Enforcement Comments:

We certify this is a correct copy of the Decatur County Noxious Weed Dept Program for 2020

We certify that Gaylen Huntley is employed as Decatur County Noxious Weed Dept Director for 2021

Bruce Hanner
Chairman, Board of County Commissioners
Karen Groen
County Commissioner
Stanley A. McEvoy
County Commissioner

Date *1-24-21*
Date *1-26-21*
Date *1/26/2021*

County Commissioner

Date

County Commissioner

Date

County Noxious Weed Director

Date

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Treatment Summary

Decatur County Noxious Weed Dept

Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Canada Thistle	24	0.3				0.6		24.9
Field Bindweed	25.6	26.7	86.2	27.8		11.6		177.9
Johnsongrass		6.2	22.5	1.5				30.2
Musk Thistle	507.7	73		3.2				583.9
Totals	557.3	106.2	108.7	32.5		12.2		816.9

Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Canada Thistle							16.2	7.8		24
Field Bindweed						0.6	23	2		25.6
Musk Thistle						495.7	12			507.7
Totals						496.3	51.2	9.8		557.3

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Canada Thistle

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice													0
Legal Notice													0
General Notice													0
Fall Notice													0
Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
City						0.6							0.6
County									0.3				0.3
Private Fallow						7.2			0.6				7.8
Private Other						15.0	1.2						16.2
Total Acreage						22.8	1.2		0.9				24.9
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Aminopyralid + 2-4D							0.0						0.0
MILESTONE						22.8			0.6				23.4
PICLORAM									0.3				0.3
PICLORAM + 2-4 D							1.2						1.2
Total Acreage						22.8	1.2		0.9				24.9

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Field Bindweed

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice													0
Legal Notice													0
General Notice													0
Fall Notice													0
Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
City										11.6			11.6
County						7.2	13.2	5.0		1.3			26.7
Private Fallow			1.0							1.0			2.0
Private Other						11.0	9.0	2.0		1.0			23.0
Private Pasture							0.6						0.6
State							27.8						27.8
Township							57.8	26.4		2.0			86.2
Total Acreage			1.0			18.2	108.4	33.4	4.0	12.9			177.9
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D										1.3			1.3
GLYPHOSATE + 2-4 D			1.0										1.0
PICLORAM							0.0			0.0			0.0
PICLORAM + 2-4 D						18.2	108.4	33.4	4.0	8.0			172.0
Quinclorac + 2-4D										1.6			1.6
trimec 992										2.0			2.0
Total Acreage			1.0			18.2	108.4	33.4	4.0	12.9			177.9

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Johnsongrass

2020 ★

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Warning Notice													0
Legal Notice													0
General Notice							1						1
Fall Notice													0
Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County								6.2					6.2
State								1.5					1.5
Township								5.5	16.0				21.5
Total Acreage								13.2	16.0				29.2
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Glyphosate								12.2		16.0			28.2
PICLORAM + 2-4 D								2.0					2.0
Total Acreage								14.2	16.0				30.2

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Musk Thistle

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice					6								6
Legal Notice					5	1							6
General Notice													0
Fall Notice										17	2		19
Spring Notice				11	3								14
Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
County						43.0			16.0	4.0	10.0		73.0
Private Other	0.0		0.0	0.0	0.0	1.0	0.0			11.0	0.0		12.0
Private Pasture				56.0	37.5	150.0	71.1				5.0		319.6
State					3.2								3.2
Total Acreage	0.0		0.0	56.0	40.7	194.0	71.1		16.0	15.0	15.0		407.8
Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Aminopyralid + 2-4D				12.0	0.0	198.0	142.2						352.2
METASULFURON					0.0	0.0							0.0
MILESTONE				42.0	40.7	95.0	0.0						177.7
PICLORAM	0.0		0.0		0.0				16.0	4.0	15.0		35.0
PICLORAM + 2-4 D				8.0	0.0					11.0			19.0
Total Acreage	0.0		0.0	62.0	40.7	293.0	142.2		16.0	15.0	15.0		583.9